Dear Sir:

UTILITY PATENT APPLICATION TRANSMITTAL

Mail Stop PATENT APPLICATION Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450 Customer No.: 23696 Attorney Docket No.: 030218

Date: 12/3/2003

Express Mail Label N .: EL977102439US

	LOWER	DATA EXCHANGES						
Enclosed are: 1. Patent application (24) total pages. 2. Drawings: Formal (7) sheet(s) or Informal () sheet(s). 3. Declaration/Power of Attorney: Signed Unsigned 4. This application claims priority from Application Serial No. , Filed , Status 5. An Assignment (2) pages and Recordation Form Cover Sheet. 6. A Preliminary Amendment () pages. 7. Information Disclosure Statement (IDS): a. PTO-1449 b. Copies of IDS Citations (number of citations:) 8. Other:								
	CLAIMS:	(a) Filed	(b) Extra Claims	Large Entity Fee	Fee Paid			
	Total*	35 - 20	15	x \$18 =	\$270.00			

CLAIMS:	(a) Filed	(b) Extra Claims	Large Entity Fee	Fee Paid
Total*	35 - 20	15	x \$18 =	\$270.00
Independent**	7 - 3	4	x \$86 =	\$344.00
Multiple Dependen	t Claim(s): No	Yes	\$290	\$0.00
APP	LICATION FILING	G FEE	\$770	\$770.00
	on a is less than 20, enter mn b is less then 3, enter		TOTAL FEE	\$1,384.00

9. A check in the amount of \$____ is enclosed to pay the filing fee.

10. Please charge Deposit Account No. 17-0026 of QUALCOMM Incorporated the amount of \$1,384.00. The Commissioner is hereby authorized to charge payment of any additional fees which may be required, or credit any overpayment, to said Deposit Account No. 17-0026. A duplicate of this sheet is enclosed for fee processing.

11. The Commissioner is further hereby authorized to charge to said Deposit Account No. 17-0026, pursuant to 37 CFR 1.25(b), any fee whatsoever which may become properly due or payable, as set forth in 37 CFR 1.16 to 37 CFR 1.18 inclusive, for the entire pendency of this application without specific additional Authorization.

Date: 12/3/2003

Signature:

Michael D. Graham, Reg. No. 51,751

(858) 658-5877

CORRESPONDENCE ADDRESS

Please use customer no. 23696 as the correspondence address:

QUALCOMM Incorporated Attn: Patent Department 5775 Morehouse Drive

San Diego, California 92121-1714 Telephone: (858) 651-4404 Facsimile: (858) 658-2502